

Tubing, Casing and Cementing Record

Set 30' of 30" conductor pipe and cemented to surface with ready-mix cement.

Set 16", 84#, K-55 Buttress csg at 1100'. HOWCO cmtd W/1500 sxs Class "C" W/4% gel, ¼# pr sx flocele followed by 400 sx Class "C" W/2% CaCl. Size of hole 26".

Set 10-3/4", 45.5#, K-55, ST&C csg at 5780'. HOWCO cmtd W/200 sxs HOWCO LW W/8# pr sx salt, ¼# pr sx flocele, 103# pr sx gilsonite & 12% gel followed by 200 sx TLW W/8# pr sx salt, ¼# pr sx flocele & 10# pr sx gilsonite. Then 300 sxs Class "C" W/8# pr sx salt. WOC 4 hrs. Cmtd W/100 sxs thick set followed by 300 sxs TLW, 10% DD, ¼# pr sx flocele, 5# pr sx gilsonite & 12# pr sx salt, W/100 sxs Class "C" & 3# pr sx salt. 300 sxs thick set followed by 300 sxs TLW W/10% DD, ¼# pr sx flocele, 5# pr sx filsonite, 12# pr sx salt followed by 100 sxs Class "C" & 3# pr sx salt. Size of hole 14-3/4".

Set 7-5/8", 33-70#/ft S-95 LT&C csg at 10,906". HOWCO cmtd W/1200 sxs TLW W/10% dicel D, 10% salt, ¼# pr sx cellophane followed by 200 sxs Class "H" W/.3% of LW & 3% dicel A. Size of hole 9-1/2".

Set 1724' of 5" ABFL-45, N-80, 15# & 763' of ABFL-45, PI-10, 18# liner at 13,247' on bottom liner hanger set at 10,736'. EOWCO cmtd W/20 bbls SAM-5 spacer & 100 sxs 75/25 POZ-H scavenger cmt W/.75% CFR-2, .2% diocene LWL, .2% HR-5 retardent & 2% gel followed by 400 sxs Class "H" W/5# pr sx KCL, .2% diocene LWL, 2% activator-A, ½# pr sx gas check & .5% CFR-2. WOC 12 hrs. Size of hole 6-1/2".